

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/777,492 A
Source: 1 FWO
Date Processed by STIC: 1/13/06

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/10/777,492A

TIME: 08:42:40

Input Set : E:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01132006\J777492A.raw

```

3 <110> APPLICANT: Eul, Joachim
5 <120> TITLE OF INVENTION: A method for the repair of mutated RNA from genetically
defective
6     DNA and for the specific destruction of tumor cells by RNA
7     trans-splicing, and a method for the detection of naturally
8     trans-spliced cellular RNA
10 <130> FILE REFERENCE: 7700-X04-013
12 <140> CURRENT APPLICATION NUMBER: US 10/777,492A
13 <141> CURRENT FILING DATE: 2004-02-12
15 <150> PRIOR APPLICATION NUMBER: PCT/EP02/09082
16 <151> PRIOR FILING DATE: 2002-08-13
18 <160> NUMBER OF SEQ ID NOS: 11
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 33
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
30 <400> SEQUENCE: 1
31 aaccggccaa ccggccaatt tttttttttt ttt                                     33
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 18
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
42 <400> SEQUENCE: 2
43 agaagaacgg aagaacaa                                                    18
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 22
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
54 <400> SEQUENCE: 3
55 ggttggaagg ttggaagggg gg                                             22
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 17
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
66 <400> SEQUENCE: 4

```

RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/10/777,492A

TIME: 08:42:40

Input Set : E:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01132006\J777492A.raw

```

67 ggttggaagg ttggaag 17
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 18
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
78 <400> SEQUENCE: 5
79 agaagaacgg aagaacaa 18
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 18
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
90 <400> SEQUENCE: 6
91 aaccttccaa cggccaa 18
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 17
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
102 <400> SEQUENCE: 7
103 ggttggaagg ttggaag 17
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 19
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
114 <400> SEQUENCE: 8
115 cttgttcttc cgttcttct 19
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 8
120 <212> TYPE: RNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Position 2 R, Position 3 Y, Position 5 R, Position 7 Y,
Position
125      8 R,
126      Description of the Artificial Sequence: Branch site of 3' Splice
127      site (consensus sequence)
129 <400> SEQUENCE: 9
130 uacuaaca 8
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 6
135 <212> TYPE: RNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/10/777,492A

TIME: 08:42:40

Input Set : E:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01132006\J777492A.raw

139 <223> OTHER INFORMATION: Position 3 R, Position 4 R,
140 Description of the Artificial Sequence: Intronic half of 5'
141 Splice site (consensus sequence)
143 <400> SEQUENCE: 10
144 guaagu 6
147 <210> SEQ ID NO: 11
148 <211> LENGTH: 3
149 <212> TYPE: RNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Position 1 R, Position 2 R,
154 Description of the Artificial Sequence: Exonic half of 5' Splice
155 site (consensus sequence)
157 <400> SEQUENCE: 11
158 aag 3

VERIFICATION SUMMARY

DATE: 01/13/2006

PATENT APPLICATION: US/10/777,492A

TIME: 08:42:41

Input Set : E:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01132006\J777492A.raw